



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

15/CAF
12361620
N.C.

Inventor : Novel Flow Cytometer
Inventor : Glenn Spaulding
Serial No : 09/550,276 § Examiner : Gailene Gabel
Filed : Apr 15, 2000 § Phone : 703-305-0807
Docket : 010-US-002 § Art Unit : 9303-164/

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Melissa K. Mosby
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REPLY TO FINAL OFFICE ACTION DATED NOVEMBER 12, 2002

Please amend the application as follows.

In the Claims

Amend claims 1, 10, 19, 23 and 26 as follows (a copy of this amendment indicating the requested changes in mark-up format is attached).

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1. (Amended Twice) A cytometer apparatus comprising:
a rotating means adapted to receive and rotate a transparent cylinder along a longitudinal axis of the transparent cylinder;
 2. a light source adapted to illuminate at least a portion of said transparent cylinder while the transparent cylinder is being rotated by the rotating means;
 3. a detector adapted to detect a light signal provided by said light source and reflected from said transparent cylinder while the transparent cylinder is being rotated by the rotating means;
 4. determining means for determining at least one cytometric characteristic of a sample disposed in said transparent cylinder based on said light signal; and